

## Safety Data Sheet

# EMULSIO MANGIAPOLVERE MULTI SUPERFICIE FIORI DI LOTO E COTONE

Safety Data Sheet dated 17/5/2023, version 1

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Mixture identification

Trade name:

EMULSIO MANGIAPOLVERE MULTI SUPERFICIE FIORI DI LOTO E COTONE

UFI: 5R04-C0FC-A008-TUK8

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

Detergent for hard surfaces.

Consumer use (SU21) - Washing and cleaning products (PC35)

Uses advised against:

Different uses than recommended. Do not use in combination with other products.

#### 1.3. Details of the supplier of the safety data sheet

Manufacturer:

SUTTER INDUSTRIES s.p.a. - Società con Unico Socio

15060 Borghetto Borbera (AL) Italia

Tel. +39 0143 631.1

Competent person responsible for the safety data sheet:

regulatory.affairs@sutter.it

#### 1.4. Emergency telephone number

+39 0143 631.1 mon-fri 9.00/17.00

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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Warning, Aerosols 3, Pressurized container: may burst if heated.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Hazard pictograms:

None

Warning

Hazard statements:

H229 Pressurized container: may burst if heated.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P251 Do not pierce or burn, even after use.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

P501 Dispose of contents/container in accordance with local regulation.

Special Provisions:

EUH208 Contains METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE.

May produce an allergic reaction.

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Product contents:

aliphatic hydrocarbons 5 - 15 %  
anionic surfactants, non-ionic surfactants < 5 %

The product also contains: Perfumes

Allergens: LINALOOL

Preservatives: METHYLCHLOROISOTHIAZOLINONE,  
METHYLISOTHIAZOLINONE

Special provisions according to Annex XVII of REACH and subsequent amendments:  
None

#### 2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$

Other Hazards:

No other hazards

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not Applicable, the product is a mixture.

#### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

$\geq 10\%$  - < 12.5% HYDROCARBONS, C10-12, ISOALKANES

REACH No.: 01-2119471991-29, EC: 923-037-2



2.6/3 Flam. Liq. 3 H226



3.10/1 Asp. Tox. 1 H304



4.1/C2 Aquatic Chronic 2 H411

EUH066

< 0.0015% METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE

Index number: 613-167-00-5, CAS: 55965-84-9, EC: 611-341-5



3.1/2/Inhal Acute Tox. 2 H330



3.1/2/Dermal Acute Tox. 2 H310



3.1/3/Oral Acute Tox. 3 H301



3.2/1B Skin Corr. 1B H314



3.3/1 Eye Dam. 1 H318



3.4.2/1A Skin Sens. 1A H317



4.1/A1 Aquatic Acute 1 H400 M=100.



4.1/C1 Aquatic Chronic 1 H410 M=100.

EUH071

Specific Concentration Limits:

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C  $\geq$  0,6%: Skin Corr. 1B H314  
0,06%  $\leq$  C < 0.6%: Skin Irrit. 2 H315  
0,06%  $\leq$  C < 0.6%: Eye Irrit. 2 H319  
C  $\geq$  0,0015%: Skin Sens. 1A H317

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

#### 4.2. Most important symptoms and effects, both acute and delayed

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

Until revision date of this document, are unknown chronic effects from the mixture contact with skin, eyes, inhalation, ingestion.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treatment:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

#### 5.2. Special hazards arising from the substance or mixture

The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

#### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

For non emergency personnel:

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

For emergency responders:

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- Wear personal protection equipment.
- 6.2. Environmental precautions  
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
Retain contaminated washing water and dispose it.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.  
Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up  
Wash with plenty of water. To converge the product in containment tanks.
- 6.4. Reference to other sections  
See also section 8 and 13

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## SECTION 7: Handling and storage

- 7.1. Precautions for safe handling  
Avoid contact with skin and eyes, inhalation of vapours and mists.  
Don't use empty container before they have been cleaned.  
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.  
See also section 8 for recommended protective equipment.  
Advice on general occupational hygiene:  
Contaminated clothing should be changed before entering eating areas.  
Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities  
Store away from sunlight.  
Store in a cool and well ventilated place.  
Store away from heat sources.  
Protect from moisture. Store in dry environments.  
Store in a place with flame proof system.  
Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.  
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.  
Keep away from food, drink and feed.  
Incompatible materials:  
Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.  
None in particular.  
Instructions as regards storage premises:  
Adequately ventilated premises.
- 7.3. Specific end use(s)  
None in particular, see paragraph 1.2

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## SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters  
Until the revision date of this document, no experimental data are available for the mixture.  
Below, listed occupational exposure limits, if available, for the components listed in paragraph 3.2.  
HYDROCARBONS, C10-12, ISOALKANES  
ACGIH - TWA(8h): 1200 mg/m<sup>3</sup>, 196 ppm - Notes: RCP (total hydrocarbons)
- DNEL Exposure Limit Values  
Until the revision date of this document, no experimental data are available for the mixture.  
Below, listed the DNEL exposure limits, if available, for the components listed in paragraph 3.2.  
Not applicable
- PNEC Exposure Limit Values

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Until the revision date of this document, no experimental data are available for the mixture. Below, listed the PNEC exposure limits, if available, for the components listed in paragraph 3.2.

Not applicable

### 8.2. Exposure controls

#### Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

#### Protection for skin:

No special precaution must be adopted for normal use.

#### Protection for hands:

Not needed for normal use.

#### Respiratory protection:

Not needed for normal use.

#### Thermal Hazards:

Closed containers may explode if heated.

The product is not flammable or explosive - see paragraph 2.1. The product contains no explosive components.

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

#### Environmental exposure controls:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

See also section 6.2.

#### Appropriate engineering controls:

No further technical checks suitable for your product under normal conditions.

See also section 1.2, section 7 and Exposure Scenario - Annex I of this document.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Physical state:	Liquid/Gas	--	Aerosol
Colour:	Not applicable (Aerosol)	--	--
Odour:	Floral	Olfactory	--
Odour threshold:	Evident	Olfactory	--
Melting point/freezing point:	Not Relevant	--	Parameter not relevant for the type of product
Boiling point or initial boiling point and boiling range:	Not Relevant	--	Parameter not relevant for the type of product
Flammability:	non-flammable	--	Estimated parameter on chemical / physical properties of components.
Lower and upper explosion limit:	Not Relevant	--	Parameter not relevant for the type of product
Flash point:	Not Relevant	--	Parameter not relevant for the type of product
Auto-ignition temperature:	Not Relevant	--	Parameter not relevant for the type of product
Decomposition temperature:	Not Relevant	--	Parameter not relevant for the type of product
pH:	Not Relevant	--	Parameter not relevant for the type of product

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Kinematic viscosity:	Not Relevant	--	Parameter not relevant for the type of product
Solubility in water:	Partial	--	Internal tests
Solubility in oil:	Partial	--	Internal tests
Partition coefficient n-octanol/water (log value):	>1000	--	Value estimated based on the solubility of the mixture.
Vapour pressure:	Not Relevant	--	Parameter not relevant for the type of product
Density and/or relative density:	Not Relevant	--	Parameter not relevant for the type of product
Relative vapour density:	Not Relevant	--	Parameter not relevant for the type of product
Particle characteristics:			
Particle size (average and range)	Not Relevant	--	Parameter not relevant for the type of product

#### 9.2. Other information

No other relevant information

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.  
Do not use in combination with other products.

### 10.2. Chemical stability

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

### 10.3. Possibility of hazardous reactions

In normal conditions no dangerous reactions of the mixture  
Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.  
See also section 7.2.

### 10.4. Conditions to avoid

Avoid direct sunlight and exposure to heat sources.  
Different uses than recommended. Do not use in combination with other products. See also 1.2 and 7.2  
Avoid humidity.

### 10.5. Incompatible materials

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.

### 10.6. Hazardous decomposition products

Do not use in combination with other products.  
Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

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## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information of the product:

EMULSIO MANGIAPOLVERE MULTI SUPERFICIE FIORI DI LOTO E COTONE

#### a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

#### b) skin corrosion/irritation

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- Not classified  
Based on available data, the classification criteria are not met
- c) serious eye damage/irritation  
Not classified  
Based on available data, the classification criteria are not met
- d) respiratory or skin sensitisation  
Not classified  
Based on available data, the classification criteria are not met
- e) germ cell mutagenicity  
Not classified  
Based on available data, the classification criteria are not met
- f) carcinogenicity  
Not classified  
Based on available data, the classification criteria are not met
- g) reproductive toxicity  
Not classified  
Based on available data, the classification criteria are not met
- h) STOT-single exposure  
Not classified  
Based on available data, the classification criteria are not met
- i) STOT-repeated exposure  
Not classified  
Based on available data, the classification criteria are not met
- j) aspiration hazard  
Not classified  
Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

Below are reported, if available, the toxicological information of the components listed in paragraph 3.2.

### HYDROCARBONS, C10-12, ISOALKANES

- a) acute toxicity
    - ATE - Oral 5000 mg/kg bw
    - ATE - Dermal 5000 mg/kg bw
    - ATE - Inhalation (Vapours) 5000 mg/l
    - Test: LC50 - Route: Inhalation - Species: Rat = 5000 mg/m<sup>3</sup> - Duration: 8h - Source: OCSE 403
    - Test: LD50 - Route: Oral - Species: Rat = 5000 mg/kg - Source: OCSE 401
    - Test: LD50 - Route: Skin - Species: Rabbit = 5000 mg/kg - Source: OCSE 402
  - b) skin corrosion/irritation:
    - Test: Skin Irritant Negative - Source: OCSE 404
  - c) serious eye damage/irritation:
    - Test: Eye Irritant Negative - Source: OCSE 405
  - d) respiratory or skin sensitisation:
    - Test: Skin Sensitization Negative - Source: OCSE 406
  - e) germ cell mutagenicity:
    - Test: Mutagenesis Negative - Source: OCSE 471 473 474 476 478 479
  - f) carcinogenicity:
    - Test: Carcinogenicity Negative - Source: OCSE 453
  - g) reproductive toxicity:
    - Test: Reproductive Toxicity Negative - Source: OCSE 414 421 422
  - j) aspiration hazard:
    - Test: Aspiration hazard Yes - Source: Product Properties
- METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE - CAS: 55965-84-9
- a) acute toxicity:
    - Test: LC50 - Route: Inhalation Dust - Species: Rat = 0.31 mg/l - Duration: 4h

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- b) skin corrosion/irritation:  
Test: Skin Corrosive - Route: Skin Positive
- c) serious eye damage/irritation:  
Test: Eye Corrosive Positive
- d) respiratory or skin sensitisation:  
Test: Skin Sensitization - Route: Skin Positive

#### 11.2. Information on other hazards

- Endocrine disrupting properties:
- No endocrine disruptor substances present in concentration  $\geq 0.1\%$

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## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment. Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

#### EMULSIO MANGIAPOLVERE MULTI SUPERFICIE FIORI DI LOTO E COTONE

The product is classified: Aquatic Chronic 3 - H412

#### HYDROCARBONS, C10-12, ISOALKANES

- a) Aquatic acute toxicity:
  - Endpoint: LE0 - Species: Daphnia = 1000 mg/l - Duration h: 48 - Notes: Daphnia magna
  - Endpoint: LE0 - Species: Algae = 1000 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata
  - Endpoint: NOELR - Species: Algae = 1000 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata
  - Endpoint: LL0 - Species: Fish = 1000 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

- b) Aquatic chronic toxicity:
  - Endpoint: NOELR - Species: Daphnia < 1 mg/l - Duration h: 504 - Notes: Daphnia magna

#### METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE - CAS: 55965-84-9

- a) Aquatic acute toxicity:
  - Endpoint: LC50 - Species: Fish = 0.19 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss
  - Endpoint: EC50 - Species: Daphnia = 0.16 mg/l - Duration h: 48
  - Endpoint: EC50 - Species: Algae = 0.018 mg/l - Duration h: 72 - Notes: Selenastrum capricornutum

### 12.2. Persistence and degradability

Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

#### HYDROCARBONS, C10-12, ISOALKANES

- Biodegradability: Readily biodegradable - Test: Ready biodegradability in water - Duration: 28 days - %: 31.3

The surfactant(s) contained in this preparation complies with the biodegradability criteria laid down in Regulation (EC) No 648/2004 on detergents. All supporting data are kept available to the competent authorities of the Member States and will be provided to those authorities if they so request or at the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.



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- Not applicable
- 12.4. Mobility in soil  
Until the revision date of this document, are not available experimental data on the mixture.  
Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.  
Not applicable
- 12.5. Results of PBT and vPvB assessment  
vPvB Substances: None - PBT Substances: None
- 12.6. Endocrine disrupting properties  
No endocrine disruptor substances present in concentration  $\geq 0.1\%$
- 12.7. Other adverse effects  
Until the revision date of this document, unknown adverse effects and symptoms towards the environment.

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#### SECTION 13: Disposal considerations

- 13.1. Waste treatment methods  
Recover if possible. In so doing, comply with the local and national regulations currently in force. Do not discharge into the ground or into drains.  
See also section 6.

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#### SECTION 14: Transport information



- 14.1. UN number or ID number  
ADR-UN Number: 1950  
IATA-UN Number: 1950  
IMDG-UN Number: 1950
- 14.2. UN proper shipping name  
ADR-Shipping Name: AEROSOLS, asphyxiant  
IATA-Shipping Name: AEROSOLS, asphyxiant  
IMDG-Shipping Name: AEROSOLS, asphyxiant
- 14.3. Transport hazard class(es)  
ADR-Class: 2.2  
ADR - Hazard identification number: -  
IATA-Class: 2.2  
IATA-Label: 2.2  
IMDG-Class: 2.2
- 14.4. Packing group  
ADR-Packing Group: -  
IATA-Packing group: -  
IMDG-Packing group: -
- 14.5. Environmental hazards  
ADR-Environmental Pollutant: No  
IMDG-Marine pollutant: No  
IMDG-EmS: F-D , S-U
- 14.6. Special precautions for user  
ADR-Subsidiary hazards: -  
ADR-S.P.: 190 327 344 625  
ADR-Transport category (Tunnel restriction code): E  
IATA-Passenger Aircraft: 203

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IATA-Subsidiary hazards:	-
IATA-Cargo Aircraft:	203
IATA-S.P.:	A98 A145 A167 A802
IATA-ERG:	2L
IMDG-Subsidiary hazards:	-
IMDG-S.P.:	63 190 277 327 344 381 959
IMDG-Stowage and handling:	SW1 SW22
IMDG-Segregation:	SG69

14.7. Maritime transport in bulk according to IMO instruments  
Not applicable

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## SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Dir. 98/24/EC (Risks related to chemical agents at work)  
Dir. 2000/39/EC (Occupational exposure limit values)  
Regulation (EC) n. 1907/2006 (REACH)  
Regulation (EC) n. 1272/2008 (CLP)  
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013  
Regulation (EU) n. 2020/878  
Regulation (EU) n. 286/2011 (ATP 2 CLP)  
Regulation (EU) n. 618/2012 (ATP 3 CLP)  
Regulation (EU) n. 487/2013 (ATP 4 CLP)  
Regulation (EU) n. 944/2013 (ATP 5 CLP)  
Regulation (EU) n. 605/2014 (ATP 6 CLP)  
Regulation (EU) n. 2015/1221 (ATP 7 CLP)  
Regulation (EU) n. 2016/918 (ATP 8 CLP)  
Regulation (EU) n. 2016/1179 (ATP 9 CLP)  
Regulation (EU) n. 2017/776 (ATP 10 CLP)  
Regulation (EU) n. 2018/669 (ATP 11 CLP)  
Regulation (EU) n. 2018/1480 (ATP 13 CLP)  
Regulation (EU) n. 2019/521 (ATP 12 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

None

Where applicable, refer to the following regulatory provisions :

- Directive 2012/18/EU (Seveso III)
- Regulation (EC) nr 648/2004 (detergents).
- Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

- Seveso III category according to Annex 1, part 1
- None

15.2. Chemical safety assessment

No, for instructions on safe mangling you see Sections 7 and 8 and the exposure scenario - Annex I of this document.

A Chemical Safety Assessment has been carried out for the mixture.

No Chemical Safety Assessment has been carried out for the mixture.

Substances for which a Chemical Safety Assessment has been carried out:

None

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## SECTION 16: Other information

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.

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H304 May be fatal if swallowed and enters airways.  
 H411 Toxic to aquatic life with long lasting effects.  
 EUH066 Repeated exposure may cause skin dryness or cracking.  
 H330 Fatal if inhaled.  
 H310 Fatal in contact with skin.  
 H301 Toxic if swallowed.  
 H314 Causes severe skin burns and eye damage.  
 H318 Causes serious eye damage.  
 H317 May cause an allergic skin reaction.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.  
 EUH071 Corrosive to the respiratory tract.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.

Hazard class and hazard category	Code	Description
Aerosols 3	2.3/3	Aerosol, Category 3
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 2	3.1/2/Dermal	Acute toxicity (dermal), Category 2
Acute Tox. 2	3.1/2/Inhal	Acute toxicity (inhalation), Category 2
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1A	3.4.2/1A	Skin Sensitisation, Category 1A
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Aerosols 3, H229	On basis of test data
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities  
 SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of



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# EMULSIO MANGIAPOLVERE MULTI SUPERFICIE FIORI DI LOTO E COTONE

	Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EC0/10/20/50/100:	Effective concentration, for 0/10/20/50/100 percent of test population.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC0/10/20/50/100:	Lethal concentration, for 0/10/20/50/100 percent of test population.
LD0/10/20/50/100:	Lethal dose, for 0/10/20/50/100 percent of test population.
NOEC:	No Observed Effect Concentration
NOAEL(R)/NOAEC:	No Observed Adverse Effect Level(Repeated)/Concentration
OECD:	Organisation for Economic Co-operation and Development
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.



## Safety Data Sheet

# EMULSIO MANGIAPOLVERE MULTI SUPERFICIE FIORI DI LOTO E COTONE

ANNEX I

CONSUMER PRODUCT AEROSOL – DETERGENT FOR HARD SURFACES

<b>Title of exposure scenario</b>	
Detergent for general cleaning: Manual process.	
<b>Use description</b>	
Sector Use	SU21 – Consumer use
Product Category	PC35 – Washing and cleaning products (including solvent based products)
<b>Description of activities/process considered on exposure scenario.</b>	
Use following the use instruction as specified on the label.	
Rinse, if necessary.	
<b>Frequency and duration</b>	
Use phase	Periodic average use 2 times a week, depending on the size and condition of the surfaces to be cleaned.
Relevant limit values of ingredients, if available, are stated in section 8 of the SDS.	
<b>Physical appearance and concentration</b>	
Aerosol.	
In section 2 of the SDS of product and on the label the classification of mixture is provided.	
Mixture classification is based on ingredients classification and on chemical/physical properties stated in section 9 of the SDS of product.	
<b>Use conditions</b>	
Room temperature	
Good general ventilation at workplace is sufficient.	
Do not damage or puncture the container. Follow instruction specified on the label or on SDS for storage and disposal consideration.	
<b>Protection</b>	
Avoid spray inhalation.	
See section 8 of the SDS of product to more information on PPE.	Training of worker to use and maintenance of PPE is supposed.
Don't eat or drink, don't smoke.	Avoid contact with damaged skin.
No open flame.	Do not use in combination with other products
Wash hand after use.	
In case of accidental release: dilute with water and dry.	
See section 6 of the SDS in case of accidental release	
Follow use instruction as specified on the label or on technical sheet. Use good occupational hygiene practices as specified in section 7 on the SDS.	
<b>Environmental measures</b>	
See section 6 of the SDS in case of accidental release	
See section 12 of the SDS for ecotoxicological information of mixture and dangerous ingredients.	
See section 13 of the SDS for disposal considerations.	

Note:

SDS: Safety Data Sheet

PPE: Personal Protection Equipment